

THE SCOPE

"MIX PERSPIRATION WITH ASPIRATION."


— John Holmes

Articles by

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JANET MECHANIC

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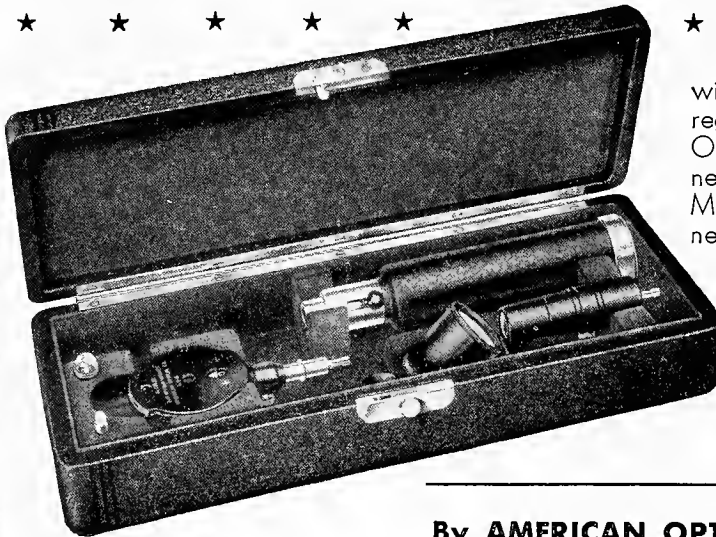
THE SCOPE



*Published by the students of the Massachusetts School of Optometry
Boston, Massachusetts*

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THE SCOPE

Presents

THE ART OF READING

by Dr. Ralph H. Green, Director Mass. Optometric Clinic

"All I know is what I read in the newspapers," said our late friend Will Rogers. *This is possibly exaggerated for the sake of emphasis*, but it is generally conceded that 85 % of all our knowledge comes to us through reading. We live in an age of reading. If you do not believe that, think of the thousands and thousands of public libraries, and stores maintaining lending libraries; of the way your post-box is stuffed with mail on every conceivable subject. Remember also, that even the public conveyances carry a large array of highly colored posters with advices to use this or that product; and *even* the fence-posts are utilized for printed endorsements. We live in an age of reading.

Reading became a universal activity with the printed page, and the demand for better reading habits grows with the increase of the reading matter. We are told, that the average school child today is made to read fifteen times as much as the school child of 1900. Adolescent reading has multiplied *five times* during the same period. The amount of reading matter that finds its way into your home has increased 170 %. We, as optometrists, are not interested in the quality of the reading material, *but rather what matters more*, is the fact that never in the history of civilization have we had to *cope with so many problems* of the quantity of reading. It is for this reason that optometrists and educators are vitally interested in the efficiency of reading and are constantly using all the science at their command to make reading a more speedy and comfortable function.

Surveys have shown that only 25 % of all school children are efficient readers, while 75 % of our student population possess a reading efficiency of only 50 %.

Outside of the human factor, there is an economic factor to be considered when we learn that about 90 % of all failures in the first and second grades of the Public Schools are due to reading disabilities.

Reading is, therefore, in the foreground of educational considerations, as is evidenced by the fact that a large part of the educational research program is devoted to the investigation of reading.

How do we read? Of course, reading is a complex process, not only determined by the images received through the eyes, but mainly by the mental ability of recognizing, classifying and interpreting these images and thus translating them into knowledge. However, the receiving stations for all readable material are the eyes. It is, therefore, important to train the reading eyes to the level of the mental capacity so that the mechanics of reading is not lagging behind the mentality of the reader. It is very similar to the act of playing the piano. The greatest musical genius can only play the piano *after* he learns the finger movements and his playing ability depends upon his technique *plus* his musical comprehension.

As the mental equipment of any human being is something innate, unchangable, biologically predetermined, we must of necessity restrict our efforts, for training only, to the mechanical phase.

The question, then, is to find the various steps of a good reading technique.

It is immediately obvious, that when reading, the two eyes must be focused on the print, in order to get a clear-cut and sharp image on the background of each eye, and further, that both eyes must be directed to the same letter so that we do not see double. Whenever this focusing or co-ordinating of the two eyes is at fault, reading becomes difficult. Modern eye examination procedure discloses any error in these two factors and by means of proper lenses these errors can be corrected.

Reading efficiency depends also upon the type and amount of illumination, the quality of the paper, as well as the size of the print. When we read, our eyes move along the lines, not smoothly but in a series of jumps, hopping from one word to the next word. *In reading from left to right* the eyes make four or five stops in the ordinary line of print, that is, the average line of print appears to be divided into four or five spans and the eyes move four to five times picking up each span at a time. Very many of us will still remember the moving-pictures of a few years ago, where the audience acted as the chorus. The lines of the song were projected upon the screen and a small ball jumped from the first to the third, to the fifth words and so on to guide the audience in reading the line. This is precisely as we read. The reading is not done during the moving of the eyes but is done during these short halts. During the movement of the eyes no vision takes place whatever. This is the "blind period" during reading. The duration of these halts is about two-tenths to three-tenths of a second and each jump to the next halt takes about one one-hundredth of a second. When we reach the end of the line we have to return the eyes to the beginning of the next line which take us one-fortieth of a second. In order to read efficiently we must strive to reduce our number of halts, that is, to increase the span of letters, thus necessitating fewer halts. Also, the time spent at each halt should be as short as possible, the longer the time spent at each halt,

the slower will be the reading. Also, we should not find it necessary to make backward movements of the eyes. You know, that often you find that you have read a bit without consciously directing the reading, and you must go back, or you have missed something.

By means of a very delicate instrument, the optometrist is able to employ a *technique which records on film*, the movements of the eyes while a patient is reading. In this way he has a record of the speed of reading, the number of halts necessary in reading a line, the duration of each halt and any backward movements of the eyes.

Having diagnosed any irregularity in the reading habits of a patient and having corrected any errors of vision, as well as any lack of co-ordination of the two eyes, the optometrist is now ready to improve the reading habits. The instrument for this technique runs a *mechanically driven* roll of paper and gradually exposes it rather on the principle of the player piano.

The material on the roll naturally is suited to the age of the patient and may be anything from "Mother Goose" rhymes to excerpts from "Life Begins at 40". A series of three shutters divided the lines into three equal parts and only a third of the line is exposed at any one time. The shutters make it impossible to make any backward eye movements, and also the speed of the shutters can be regulated, so that the eyes are taught not to pause too long on each span of letters. Gradually the speed of the roll is increased as quicker visual perception is built up, until soon the patient finds that he is reading and absorbing much faster than he did formerly. Therefore, his reading is more efficient.

Summing up, then, we may say that reading depends upon the mentality and the knowledge of the individual and also upon his or her visual efficiency. To read the fastest with the least effort and good comprehension, it is absolutely necessary that the two eyes are perfectly focused and co-ordinated and this can only be determined by a thorough eye examination. The mechanical process of reading can be improved by *proper reading training*.

CASE HISTORY

by Norman Mayer

For the first case of the new school season we shall leave the classrooms and noisily descend to the depths below. Here is the sound of No. 60 emery scraping against an unfinished blank; the squeal of a chipped bevel against stone; the odor of polishing rouge. Here, too, we sit with beads of perspiration on our brow as we try to caliper one of Dr. Graham's prisms or solve one of his delightful shop problems. It is here, also, that Dr. Graham untiringly surfaces and polishes the cross-cylinders that we make.

John Graham, O. D., instructor of Ophthalmic Lens Grinding, was born in Boston, Mass. on February 11, 1902. He attended the Frederick W. Lincoln Grammar School and graduated in 1915. He then entered Boston Latin School where he became a member of the varsity track team. Among his victories is the New England School-boy Championship title for the fifty yard dash. The winning of this Championship is his "thrill-of-a-lifetime".

When the United States entered the 1st World War, Dr. Graham left Latin High and went to work at the Boston Navy Yard. He remained at the Yard for nearly two years as a shipwright's helper. With the termination of this job, Dr. Graham was employed by Andrew Jay Lloyd, Optician. It was here that he first learned the science of Chirotechnical Optics in all its phases. At the end of a year and a half, he became surface grinder for Montgomery-Frost, where he remained for thirteen years.

While working here, he completed his interrupted high school education by attending classes, first at Huntington Prep and then at Northeastern Prep. He graduated from Northeastern Prep. in 1926 and then enrolled at M. S. O. for the evening classes. At this time the evening course was for four years. During his second year here he became a member of the Pi Omicron Sigma Fraternity. He continued to work for Montgomery-Frost until

1934 when he returned to M. S. O.

Dr. Graham was married August 14, 1925. He has four children, three boys and one girl. His life ambition is to send them all through college.

One of his most amusing experiences was an incident that occurred when he was seventeen years of age. His favorite pastime was sailing in Dorchester Bay. One day he borrowed his friend's stop watch and took it out with him. While out on the harbor, the mast of the boat broke and Dr. Graham was forced to swim ashore. In order to keep the stop-watch dry he swam the entire distance with it in his mouth. Besides this handicap he was hampered by his clothing, but he eventually kicked off as much as possible.

Among Dr. Graham's surfacing masterpieces are camel-back lenses and a cone prism. His latest is a hand-made set of thick meniscus lenses ground on an ordinary glass cube used in Geometric Optics Lab. A few years ago, he had a man from M. I. T. mathematically figure out two lenses which could be used in combination for a telescope. Theoretically it was calculated that the mag would be seven times. Dr. Graham ground the lenses and when they were set up the mag was only one and a half. Both the figures and the lenses were checked and no mistake could be found. "This proves," states Dr. Graham, "that although figures do not lie, they do not always work out practically in Optics."

Dr. Graham's favorite sports are running and boxing; his hobby is old coins; his pet aversion is auto drivers who leave the curbing without looking. He sometimes feels he would like to "clip" them. This year, he has turned to the Republican side of the ballot and Mr. Willkie.

We all know that Dr. Graham is "Johnny-on-the-Spot" when it comes to handing out practical and sane advice. When we asked him what part Optometry could play in case there

(please turn to page thirteen)

TRAVALLIER

by Bill Killilea

We attended a meeting of the M. S. O. Liars Club last week and heard some of the world's foremost liars. Of all the untruthful narratives the following was declared the "Big Lie of the Week". It was related by a Subway Commuter:

"I was on the car at Haymarket Station and it was quite crowded. At Scollay Square more people piled into the car. I was very uncomfortable, with my back jammed against a seat and somebody's books in my stomach. but I figured I could hold out until I got some relief at Park Street. Instead of relief all I got was less space to exist in. More and more people crowded into the car. It was becoming difficult to breathe, but the conductor was "Johnny-on-the-spot". He jumped up on the cash-box rail and told every other person to exhale while the other half inhaled. It was a great success, as chests expanded, other chests deflated, resulting in comfort for all. "Johnny-on-the-spot" stood up in the midst off the merry madcap and directed the breathers with long "Inhales" and "Exhales" — one - two - one - two. He reminded me of the slave-driver in the trireme of the old Roman Empire. All this exhaling and inhaling was very well, and few realized the impending disaster. As the car rounded the turn outside the Boylston Street Station, the conductor lost his balance, missed the count, and because of this, everybody *inhaled* at one time. Four hundred chests expanded instantaneously and something had to give. It did. Windows were shattered; the middle doors were blown out; the motor-man's cab at either end were crushed in and the operator landed fifty feet down the track. The car was derailed in the explosion and many were cut and injured. More cars have been placed on this line since the accident."

* * * * *

At Fenway Park —

The Boston Red Sox leave their bench and dash onto the field. Ted Williams, in left field, wears no sun-glasses as he will play all

of the game in the shade. Doc Cramer in right field picks up his glove and glasses. He removes his cap and places his elastic band sun goggles around his head. He then replaces his cap and still seems to wear no glasses. They are parallel to the peak of his cap and folded up against the peak. He will flip them down when a fly ball comes his way.

The little guy who runs like a deer is already wearing glasses. He will take a spectacle case from his hip pocket, remove a pair of glasses from this case. He will put the pair he has been wearing into the case and return it to his hip pocket. Few notice Dom "Myopia" Di Maggio as he performs this act seven or eight times a day, but *we* know that the glasses now in his pocket are unbreakable Centex and the pair he just put on are unbreakable Crookes C Shade. Dom's Rx O. D. — 3.87 = + 25 x 90 O S — 4.25 + .75 x 90.

* * * * *

Two big football games were played in Greater Boston last Saturday. Michigan vs. Harvard; Temple vs. Boston College. The Michigan center was wearing contact lenses as was one of the Temple tackles. These contact lenses are unbreakable.

* * * * *

Henry Armstrong the fast and flashy former welterweight title holder is at the present time undergoing an eye operation, upon which his future may depend. Henry lost the title to a toughie from Pittsburg named Zivic, when Armstrong didn't see after the 3rd round. Henry says if he could have seen Zivic, he could have licked him. A few weeks before the advent of the new champ, Armstrong had a fight with Phil Furr (some name) in Washington. Armstrong beat Fuzzy Furr but in the process he took a battering about the eyes.

This recalls the story of one of the greatest fighters of all times, Samuel Langford. After
(please turn to page thirteen)

SPORT EYE-LIGHTS

by William W. Wolfson

The first basketball meeting, which was held recently, was made conspicuous by a large turnout of candidates, with the Freshmen being more predominant because of their greater number present. Twenty candidates in all reported, twelve of them representing the Freshman Class.

Those who reported were as follows:

Seniors: Lou Snyder, Harold Toy, and William Wolfson.

Juniors: Marshal Margolskee, Jack Rice, and Herb Iventash.

Sophomores: Phil Regan and George Foreman.

Freshmen: Daniel Rubin, Herman Pollack, Edward Holman, Laurance Dolloff, Malcolm Kates, Edward Whelan, Robert Lippin, Monte Kofos, Henry Bershard, John Collins, Vincent Leone, and Larry Dimmick.

The pre-season game with the Faculty will be held in the early part of November, the date as yet is not available. Meanwhile Dr. Antonellis, coach of the Faculty squad, is preparing his team for the encounter. The Faculty team, which was victorious over the School team in last year's encounter will be composed of the following:

Dr. George Carvin, member of the Faculty staff and basketball star of the '35, '36, and '37 teams.

Dr. Morton Green, present member of the Clinic staff and captain of the '38 and '39 team.

Dr. Tiuhonen, former Clinician at the school, now in practice in Gardner, Mass. and member of the '37 and '38 team.

Dr. Mel Fine, former Clinician, now in practice and a member of the '38 and '39 team.

Dr. William Fradkin, member of the Clinic staff in '39, now in practice and star on the '38 and '39 team.

Other members of the Faculty team are to be contacted and Coach Antonellis is confident game time. Each class is asked to support this

that he will have a strong squad available by affair, as all funds will go towards the purchase of necessary basketball equipment, and with each class contributing its support the affair can be highly successful. The Faculty team, comprised mostly of men in office-practice, are giving up one night of their practice in order to help the school team get away to a good start financially . . . So won't you do your part and help put this affair over.

'Till game time,

Eye'll remain.

W. W. W.

P. S. As stated in the last issue of the "Scope" — dancing and general entertainment will follow the game.

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PI OMICRON SIGMA

by Ralph Fritz

On Wednesday evening, October 9, the annual P. O. S. freshman smoker was held in the Capitol Hall of the Ritz Plaza. The occasion was an opportune moment to bid the frosh welcome to M. S. O., and to get into swing with the first fraternity affair of the new school year.

There were cigarettes, cigars, tobacco, and corncobs aplenty. Registration at the entrance reminded one of draft day.

The program began with Chancellor Tulsky officiating. After a brief résumé of the fraternity's history, the floor was given over to Grand Chancellor Dr. R. H. Green who enlightened us with the main theme of the frat for the 1940 - 41 season, namely social activities. Dr. Green stated that this coming year promises to be the finest social season we have enjoyed since the inception of the fraternity. A complete program was outlined which was enthusiastically received by all present.

Following the above, Drs. Clinz, Budilov, Antonellis, McCabe, and Carvin, along with the officers made a few remarks.

A social period then ensued lead by Blondie McKenna and his new sizzling trumpet. After which refreshments were served.

Plans are now underway for the 28th annual Poverty Party and Dance which will be held Friday evening, November 1st. Admission is by invitation only. All alumni are cordially welcome. As per custom, old clothes are obligatory for admission. Prizes will be awarded to the lady best costumed, and the gentleman most closely resembling the "forgotten man of M. S. O." Special gifts will be presented to the young lady who tips the scales the lowest as well as the highest.

Remember! The price of admission is only 1 cent per pound for the women, so start them on that diet today.

OMEGA PSI

by Geldon Hindman

Now that a new school year has been entered into, Omega Psi wishes to take this opportunity to wish the entire Freshman Class much success and happiness in their four eventful years to come, at M. S. O.

The first event that was undertaken by the fraternity was the annual smoker, which was held at Newbury Hall, on Monday evening, October 14. Those in attendance were a goodly part of the Freshman Class and many upperclassmen who were interested in the fraternity itself. Several members of the faculty, including faculty adviser, Dr. Budilov, officers of Omega Psi, and our honorary frater, Dr. Maynard Rosen, gave short talks concerning the history and fundamentals of the fraternity.

Other entertainment included several duets bby Irving Fishman and Saul Silverstein, a tap dance specialty, informal stories, moving pictures and group singing. Refreshments were served during and after the festivities.

Activities for the coming year, as arranged by the entertainment committee, include several dances, some open to all students while others for fraternity members only, speakers who will deliver interesting and educational lectures to the student body, contests and fraternity parties.

The above, coupled with other school functions, should make this year at M. S. O. one that will be long remembered by all.

THRU THE EDITOR'S EYES

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THE EDITOR SAYS

In recent months, conditions throughout the world have hurled us into a senseless state of turmoil. Men and nations are locked in mortal combat. The result is that this nation has been forced to adopt adequate defense measures to protect its own interests both at home and abroad. Already conscription and rearmament are being enforced. Industry and labor have banded together for the common good of our country.

Relative to this general solidification of our forces comes the question—how and when can Optometry fit into this plan of defense? As to *how* we can be of assistance, the answer

should be simple and obvious to all. There is no doubt that Optometry has won considerable recognition in the past few years with regards to Public Health. The work done by our National and State organizations has been very effective towards this end. The government realizes that with the increase in these defense measures there is also a corresponding increase in the need for proper eye care. The people engaged in this work, either militaristic or clerical in nature, will be more dependent upon proper visual conditions than ever before. It is along these lines that we who are in the field of optometry can be of most assistance.

As for *when* we can be of assistance, that remains solely up to us. The last statement may sound somewhat peculiar. It is not intended to mean that it is for us to decide just how and when we are to become active. It simply means that as soon as we can offer substantial proof that Optometry *is organized* and banded together, in "*effective*" groups, then and only then shall we receive the full consideration that we desire. Some will argue that we have attained that peak—however we must admit that we can go further. In the past, this work has been undertaken by the members of the organizations only. The trouble is that the organizations are made up of only about 50% of the optometrists now in practice.

Recently, the members of some of our State organizations have each been asked to bring in at least one new member. In this way they hope to double their membership. Why shouldn't we, as future optometrists, *include ourselves* in this program? Every State society will accept students on a student-membership plan. In this way and only in this way can we say that we have truly done our bit for Optometry. Remember what we do for Optometry, we do for ourselves!

In closing we are reminded of two old adages which are indeed apropos:

"United we stand—divided we fall!"

"In unity there is strength!"

SENIOR SEGMENTS

by H. Greenblatt '41

At this time of the year it seems very difficult to find suitable material fit for publication. (As if any of it is!)

Exams as yet have not reared their ugly hydra heads and there is really nothing to bother us now except the negative recovery we found on a patient with nothing else to bear it out. But wait, gentlemen, just wait!

The class had a very interesting session out in West Strawberry. We were told that a water tower was the outstanding landmark. Jaffe shouted with glee every time we saw a puddle — and when we came to the Merrimac River!!

Anisometropia provided much food for thought — Killilea claims that two isekonic lenses are a pair of "overalls".

* * * * *

Pi Omicron Sigma and Omega Psi both held their annual Smokers. Fourteen thousand (14,000) cubic feet of smoke and hot air were expelled those two nights. Fraternity Smokers are great things — at least the callow frosh learn the facts o'life!

* * * * *

We first started to do Practice Eye Skiametry about two years ago but some of us still don't know the first thing about what.

"Set the eye for 3 D utopia Basie," says "Tyrone" Gilder.

Height of Confidence:

Ski +1.37
Estimated +1.37

* * * * *

Mayer will certainly avoid wet weather from now on. The other day he was running for a street car — a puddle stepped in front of him, and down he went. He lay there on the wet street until Rogolsky ambled by and asked him what he was doing.

"Just waiting for a street-car," Mayer replied.

"Well, you just lie there Normie, you're on the tracks and here it comes," Rogolsky stated.

Mayer got up just in time to grab on to the back of the car. (If you don't believe it — ask the street-car.)

* * * * *

Hymoff says that lenticular lenses should be worn only during Lent. Speaking of those lenticulars — we ruined our heavy minus lens and disposition last Monday. After two hours of grinding, we ended up with a useful field of about 3 °.

* * * * *

Nate Aronson is back in school with his Duke-Elder and Materia Medica. Nate says when he has his tonsils out and his toe-nails cut he expects to have a fairly complete library. It seems that there's to be an epidemic of appendectomies in order to round off that list of books for the office.

We're signing off early this month, but out we go with our plus 20.00 and hoping to pick up that dirt we noticed behind a freshman's ears.

Sincerely,
Deuteranope

E. F. Mahady Company

M. S. O. BOOK HEADQUARTERS

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BOSTON, MASSACHUSETTS

JUNIOR SEEING EYE

by George M. Cohen

Well, guys, scrape up a chair and unlace. Boy, but the Junior year certainly got under way with a start. Before we knew it, the class was reorganized and the old political spirit invaded the atmosphere of Room Two. In other words, class elections took place with the following results:

President — Calderone

Vice-President — Fine

Treasurer — Miss Mechanic

Secretary — Essex

Quite a few Juniors were worried about the treasury balance — fearing the former treasurer absconded with the funds — but, no fellers, the bank is still holding the bag and M. Cartier, we are told, is joining the air corps. So, unlace once more.

With the Theoretic Optometry course winding into Presbyopia — a new batch of “a priori” scientists has arisen among the members of M. S. O. '42. This new group of Junior theorists are striving devilishly hard to aid such decrepid individuals. The latest advances, now under the process of construction are a new type of phoropter which is inserted through the limbus behind the cornea to which is attached a tiny knob, to which is connected a series of plus lenses, (steal from May) which the afflicted might twist for various focuses. The only factor that is bothering the inventor is that being that the system must be inserted through surgical methods he might have to sell his patent, if he gets one, to one who can perform such an act, as it lies beyond the scope of optometry.

This problem has been answered by one of his compatriots who is perfecting a telescopic arrangement of a plus lens, held in position, much the same as ordinary spectacles. The only problem here lies in the fact that the telescope would be a little long and when the wearer turns his head, might strike the delicate

system, causing strain upon the Auracles of the wearer, or a black eye to whomever might be reading over his shoulder, which now-a-days is a common practice on streetcars. The advantage of this system however, is that the prepresbyopes need not wear it or have fear of suddenly turning his head and striking the poor sap copying his exam paper, causing alarm on the part of the recipient, causing the attention of the Prof. in charge who will, in turn discharge both mentioned offenders from the exam room.

And now that we have discussed the political and scientific happenings of the day, we shall take up the social or advice to the lovelorn column. Let me say beforehand, that when dates with Babes are made, advise the female in question not to wear angora. One poor sap, not to mention any names, was on a date one Sunday with a young lady who wore such a sweater. Of course, during the intimacy of the evening, the usual occurred. The offender, sad to say, suffering from Daltonism, wore a green suit, while she wore red, thus being unable to note the difference of colors upon his clothing the next day. For two days following his next seat neighbors plied the bits offing his next seat neighbors plied the bits off his clothing (poor chap he had only one suit). This didn't bother him so much as the questions and innuendos that came his way. However, it did bother his neighbors who had to take the dang stuff off their clothing in turn, who had to explain to their girl friends about the angora (good thing none happened to be married) and by gora it certainly was an angry mob to be in. The committee solving this problem came to two conclusions:

- (1) Refuse dates with angora attired females.
- (2) Stay home Sunday nights and study.

“Eye”

RAMBLINGS OF A SOPH

by Jerome Rutberg

Handshakes, greetings, salutations and all that sort of thing all accompanied our first day back at M. S. O. as Sophs. All the old faces we used to enjoy looking at as Freshmen were beaming with enthusiasm. Some of course, including Braver, Shatz and Miss Johnson were unable to continue with their courses at M. S. O. We deeply regret the fact that Saul Selby, that personality boy from Florida, could not return to spread light and cheer on the spirit of the class as he has so capably done in the past.

However, to compensate our loss, we welcome such new faces as Miss Evelyn Adler and Messrs. McKenna, Graubart, Davis, Cohen, Neiman and Polus.

From what we hear, Eddie Davis is a former Son of the Navy and past student at Massachusetts State College, where he majored in Chemistry. Poor Ed, he sits in class all day long with his mind partly on his work, but his heart belongs to the U. S. S. Wyoming, where some of the best months of his life were spent. Ask Ed to tell you of his experiences in Cuba and Virginia when he served with Uncle Sam. I'll never be able to forget. He keeps reminding me all day long.

Everybody at M. S. O. is familiar with Miss Evelyn Adler. She is that cute little lassie from Fall River. Since her former flame, Dave Vogel is now at University of Penn's School of Optometry she has devoted all her conscientious efforts to Drs. Issokson and Bloom. I must say her efforts are well appreciated. Evelyn's smile reminds us of the advertising poster "This Is What Ipana and Sal Hepatica Did For Me". Evelyn is the student's friend.

Walter (Glamour Boy) McKenna was elected President of the Sophomore Class—a position I know Mac can shoulder capably and sincerely. Johnny Quinn was elected Vice-President and Maurice Morin for a second term as Treasurer. We know Maurice by his past performance as treasurer, and we feel that no one could handle this extremely difficult post as sincerely and capably as "Honest" Morry

Morin. One cannot realize the trouble and aggravation he goes through to collect class dues. Last, but by far not the least, the Class elected Roger Bund as Sergeant-at-Arms. His post calls for strength and tact. We're sure Roger lives up to these standards.

Unanimously, we all welcomed a new member to the faculty at M. S. O. I refer to none other than Dr. Bruce, prominent Boston ophthalmologist and instructor in Ocular Anatomy and Ocular Pathology. His wit and humor along with his sincerity and capability enrich our course a great deal. All except Marty Zalkin enjoyed his demonstration on "Enucleation of the Eyeball". Marty's stomach did a rumba and as a result . . . reverse peristaltic action.

Edwin Calmus (the Ding Dong Daddie from Dumas) worked hard during his Summer vacation. He is the Teetotalling Tickler (of keys). You should see and hear Eddie play. His band played at such prominent spots as "Shapiro's Hacienda on the Nile" and "Casa de Goldberg in the Catskills". (Keep smilink.)

Bobby Rosenthal certainly did his share of good deeds this Summer. Robert K. (as the boys call him) worked for the Red Cross in a knitting capacity. B. K. can certainly knit one, purl two. His fingers certainly do work fast.

Vic Laliots, outside of doing his usual share of boxing and wrestling, ran for Selectman in Waterbury, Connecticut. L. Clark and W. Morin served as his campaign managers. Those boys certainly must have done a lot of running around this summer.

The most studious of all our Class this Summer was none other than Monsieur George Forman, Esq. George has spent months, weeks, days, hours—laboriously and unceasingly pursuing fields of study in post-graduate work in *Astronomical Physics*, *The Biological Concept of Lymphocytes*, *The Origin of Bunions*, and on the side has written two textbooks on "Cross-Eyed Kangaroos" or "Strabismic Pouches". Outside of his in-

numerable honorary degrees, Forman has earned two more degrees awarded by his outstanding achievements in Post-graduate Educational Studies: namely T. L. and P. V. I, for one, certainly think he merits these degrees to the fullest extent.

Julius Silverman has been modeling fur coats at the Boston Storage House. My, what a figure on that boy. Jack also models tobacco. Incidentally, congratulations are due to Jack. We are happy to announce his engagement to a Miss Basha Shirtsleeves. Of course, this took place this summer, but we are the first to announce it here.

Irving Fradkin served in a teaching capacity, this past summer. As you all must know Irv has collaborated with Beatrice Fairfax and Harold Myers on a book entitled "Advice to the Lovelorn" or "Its Better With a Union the Lovelorn" or "It's Better With a Union "Techniques of Courtship" at Chelsea High School . . . or at any other high school for that matter—including Malden and Cambridge.

The luckiest boy in the whole class is Sidney (Alphonse, Gaston) Shectman. Sid grasped the opportunity to escort an elderly lady to Honolulu. She wrote me and exclaimed in her letter—that he was simply adorable doing the hula hula in a grass skirt. She thought his lips were made of jello. In Hawaiian, Sid's name is Tua Tua Lamanackasacky (want some sea food, mama). For educational advancement, Sid took a special beautician's course specializing in waves and curves. No wonder his hair is so wavy. But, I have a sneaky suspicion that he puts it up in curlers every night. He also took some time off to write a jazz version of the "Tales of the Vienna Woods" entitled "A Tale in the Maine Woods".

For dramatic ability we turn our heads to Norman (Mother) Saperia. "Ma" has played in some stock companies this summer. We can't realize the extent of Sap's dramatic ability until we see his thundering, dynamic portrayal of "Meet Mr. Meek", which played for two whole days at the Bar Harbor Bath House (showers free).

Phil Regan and Bob Kefferstan have further educated themselves in optical dispensing by acting as assistant opticians to their fathers.

Johnny Quinn worked in two Brighton stores. Ambition personified is Johnny.

Arneldy Levine went on the radio as a Yodeling Cowgirl for the Blue Network (N. B. C.?) and I don't mean No Blood Corpuscles. I wonder how she could possible get up so early in the morning to sing "I'm An Old Cowhand" and "Gas Range Blues".

Louie Segal and Bernie Issokson have gone in for Terpsichorean Art. Louie specializes in Rhumboogie and Bernie in the Adagio.

Well, I guess that's all for this month. If I'm still alive with both my eyes in the proper sockets, I shall endeavor to continue on with the article hereafter.

Incidentally, all characters and incidents referred to in this column are purely authentic, any relation to any people either living or dead or otherwise is purely coincidental.

--CASE HISTORY

(continued from page five)

were a national crisis, he said that we should form an Optical Unit similar to that organized during the last war by Harvey Cushing. The The optometrists of this unit not only refracted but surfaced and polished to speed up production.

Dr. Graham is a member of the Massachusetts State Society of Optometrists and the Loyal Order of the Moose. His present practice is at 405 Belgrade Avenue, West Roxbury.

--TRAVALLIER

(continued from page six)

a fight with Fred Fulton. Sam'l was left with only one eye and a cataract in this eye. Being broke Sam'l kept fighting. On the west coast, in a fight the inevitable happened. Somehow Sam'l managed to wallop his opponent and send him to the floor. As the opponent got up Sam's second yelled, "Hit him again Sam." Anxious to oblige, Langford moved forward—but in the wrong direction entirely. He had no idea where his victim was. A sports-writer at the ringside said, "Lookit, he's blind!" and they stopped the fight. Sam is still blind.

FACT AND FANCY

by Ralph Fritz

The mythical character of Argus was said to have had 1000 eyes and only 2 were ever closed in sleep at the same time. His eyes were placed in the tail of a peacock when he died.

An expertly trained eye can recognize about 100,000 different hues and colors.

Somewhere in Kansas there is an optometrist named C. A. Little.

As far back as 2300 B. C. the Chinese discovered that a convex lens magnified objects and color diminished the glare from the sun.

An applicant for a pilot's license must have a V. A. of 20/50 in each eye. If his vision is poorer than 20/50, but can be raised to 20/30 by wearing a Rx, he is qualified if he wears his glasses while piloting the plane.

Roger Bacon described convex lenses as early as 1266 as an aid to vision, and Nicholas Bullet, a French priest, used glasses when signing an agreement in 1282.

51 year old man, Harry Church, owes his life to an eyeglass case. It seems that he was

accosted by a man one night who pulled a gun and fired. The bullet struck Church's metal eyeglass case in his shirt pocket, directly over his heart. At the hospital he was treated for a minor flesh wound.

In a human being sight is normally the strongest sense while in a dog it is the weakest.

Van Wyck Brooks states that a "Boston Look" is a near-sighted look, occasionally assumed or affected, that presupposed an interest in all intellectual things. It was a favorite subject in the comics, especially in New York, where it was supposed that Bostonians wore glasses in their cradles.

Here's something that will cure your insomnia or send you to a psychopathic ward. Quoting Dr. Charles H. Wood, "Lie flat on your back and while an assistant counts ten, slowly close your eyes tightly each time. Between counts look into your man's eyes. The process should be repeated several times, each time more slowly."

AMONG THE GIRLS

by Janet Mechanic

The Epsilon Omicron Sigma Sorority of M. S. O. has, at present, only three active members left; namely MaArmanda Font, Evelyn Adler, and yours truly but we will soon be converted into a Sorority of tremendous proportions by the addition of two very vivacious young ladies whom we expect to add sparkle to the many activities planned for this coming year.

Flash!! Scoop!! Dash!! What young prospective sorority member is being rushed to numerous and sundry Fraternity affairs at Tufts by what future dentist extraordinary?

The roads between Providence and Brookline are constantly being burned up by another young ardent, lavishing his affections and

worldly possessions on our most attractive out-of-towner, Miss Adler.

Rumor has it that our solitary freshman damsel is the secret instigator of many dark and weird crimes, such as throwing mirrors out of the window. What we can't figure out is how she happened to remember to let go!

There is quite a flurry of excitement spreading among the ranks of we, the weaker (?) sex over what apparently is to be our most active year in many. In fact, this year we plan to assume leadership in the various organizations here in School in uniting them in one grand endeavor in March — people say . . . A Ball. But more about this in future editions.

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